```
  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *


FILE 'HOME' ENTERED AT 10:48:13 ON 06 MAY 2003

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:48:18 ON 06 MAY 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:     5 MAY 2003  HIGHEST RN 510776-00-8
DICTIONARY FILE UPDATES:    5 MAY 2003  HIGHEST RN 510776-00-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> s resveratol/cn
L1            0 RESVERATOL/CN

=> s resveratol
              0 RESVERATOL
L2            0 RESVERATOL

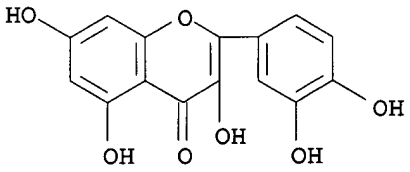
=> s quercetin/cn'
MISMATCHED QUOTE 'ERCETIN/CN''
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s quercetin/cn
L3            1 QUERCETIN/CN

=> d

L3   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   117-39-5  REGISTRY
CN   4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-3,5,7-trihydroxy- (9CI)
     (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Flavone, 3,3',4',5,7-pentahydroxy- (7CI, 8CI)
CN   Flavone, 3,4',5,5',7-pentahydroxy- (6CI)
OTHER NAMES:
CN   3,3',4',5,7-Pentahydroxyflavone
CN   3,5,7,3',4'-Pentahydroxyflavone
```

CN C.I. 75670
CN C.I. Natural Yellow 10
CN Cyanidelonon 1522
CN Meletin
CN **Quercetin**
CN Quercetine
CN Quercetol
CN Quercitin
CN Quertin
CN Quertine
CN Sophoretin
CN Xanthaurine
FS 3D CONCORD
DR 73123-10-1, 74893-81-5
MF C15 H10 O7
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHAR, PHARMASEARCH, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

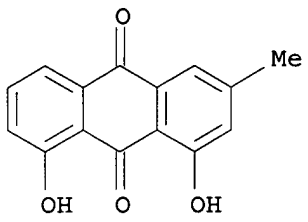
8047 REFERENCES IN FILE CA (1957 TO DATE)
604 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
8071 REFERENCES IN FILE CAPLUS (1957 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s chrysophanol/cn
L4 1 CHRYSOPHANOL/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 481-74-3 REGISTRY
CN 9,10-Anthracenedione, 1,8-dihydroxy-3-methyl- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Anthraquinone, 1,8-dihydroxy-3-methyl- (8CI)
OTHER NAMES:
CN 1,8-Dihydroxy-3-methyl-9,10-anthracenedione
CN 1,8-Dihydroxy-3-methyl-9,10-anthraquinone
CN 1,8-Dihydroxy-3-methylanthraquinone
CN 2-Methyl-4,5-dihydroxyanthraquinone
CN 3-Methyl-1,8-dihydroxyanthraquinone
CN 3-Methylchrysazin
CN 4,5-Dihydroxy-2-methylanthraquinone
CN C.I. 75400

CN C.I. Natural Yellow 23
CN Chrysophanic acid
CN **Chrysophanol**
CN Turkey Rhubarb
FS 3D CONCORD
MF C15 H10 O4
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, RTECS*, SPECINFO, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

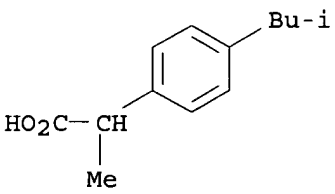
892 REFERENCES IN FILE CA (1957 TO DATE)
16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
892 REFERENCES IN FILE CAPLUS (1957 TO DATE)
23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s emodin/cn
L5 2 EMODIN/CN

=> d 1-2

L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 15687-27-1 REGISTRY
CN Benzeneacetic acid, .alpha.-methyl-4-(2-methylpropyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (.+-.)-.alpha.-Methyl-4-(2-methylpropyl)benzeneacetic acid
CN (.+-.)-2-(p-Isobutylphenyl)propionic acid
CN (.+-.)-Ibuprofen
CN (.+-.)-Ibuprophen
CN (4-Isobutylphenyl)-.alpha.-methylacetic acid
CN (RS)-Ibuprofen
CN (S)-4-Isobutyl-.alpha.-methylphenylacetic acid
CN .alpha.-(4-Isobutylphenyl)propionic acid
CN .alpha.-Methyl-4-(2-methylpropyl)benzeneacetic acid
CN 2-(4'-Isobutylphenyl)propionic acid
CN 2-(4-Isobutylphenyl)propanoic acid
CN 2-(p-Isobutylphenyl)propionic acid
CN 4-Isobutyl-.alpha.-methylphenylacetic acid
CN 4-Isobutylhydratropic acid
CN Act 3
CN Adex 200

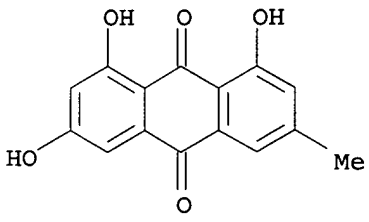
CN Adran
CN Advil
CN Alaxan
CN Algofen
CN Am-Fam 400
CN Amibufen
CN Anafen
CN Anco
CN Andran
CN Anflagen
CN Antarene
CN Antiflam
CN Apo-Ibuprofen
CN Apsifen
CN Artofen
CN Artril
CN Artril 300
CN Atril 300
CN Balkaprofen
CN Betaprofen
CN Bloom
CN Bluton
CN Brofen
CN Brufanic
CN Brufen
CN Brufen 400
CN Brufen Retard
CN Bruflam
CN Brufort
CN Buburone
CN Burana
CN Butacortelone
CN Butylenin
CN Carol
CN **Emodin**
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY
FS 3D CONCORD
DR 58560-75-1, 139466-08-3
MF C13 H18 O2
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DIPPR*, DRUGPAT, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHAR, PHARMASEARCH, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5978 REFERENCES IN FILE CA (1957 TO DATE)
177 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
6004 REFERENCES IN FILE CAPLUS (1957 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS
RN 518-82-1 REGISTRY
CN 9,10-Anthracenedione, 1,3,8-trihydroxy-6-methyl- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Anthraquinone, 1,3,8-trihydroxy-6-methyl- (8CI)
OTHER NAMES:
CN 1,3,8-Trihydroxy-6-methyl-9,10-anthraquinone
CN 1,3,8-Trihydroxy-6-methylanthraquinone
CN 1,6,8-Trihydroxy-3-methylanthraquinone
CN 3-Methyl-1,6,8-trihydroxyanthraquinone
CN 4,5,7-Trihydroxy-2-methylanthraquinone
CN Archin
CN **Emodin**
CN Emodol
CN Frangula emodin
CN Frangulic acid
CN Rheum emodin
CN Schuttgelb
FS 3D CONCORD
MF C15 H10 O5
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DETHERM*, DRUGU, EMBASE, HODOC*, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHARMASEARCH, PROMT, RTECS*, SPECINFO, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1123 REFERENCES IN FILE CA (1957 TO DATE)
40 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1124 REFERENCES IN FILE CAPLUS (1957 TO DATE)
23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s anthrglycoside/cn
L6 0 ANTHRGLYCOSIDE/CN

=> s anthroglycoside/cn
L7 0 ANTHROGLYCOSIDE/CN

```
=> s anthraglycoside/cn
L8            0 ANTHRAGLYCOSIDE/CN

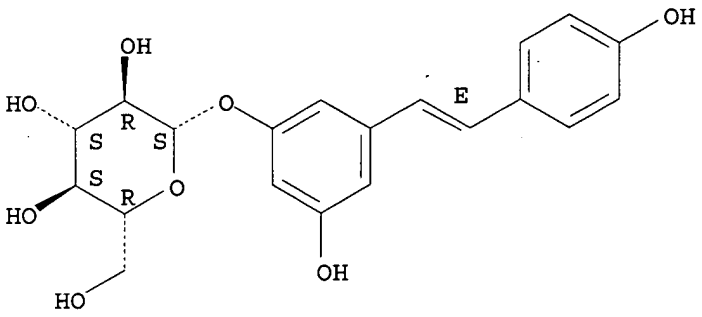
=> a polydatin/cn
A IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s polydatin/cn
L9            1 POLYDATIN/CN

=> d

L9   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   27208-80-6  REGISTRY
CN   .beta.-D-Glucopyranoside, 3-hydroxy-5-[(1E)-2-(4-
     hydroxyphenyl)ethenyl]phenyl (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   .beta.-D-Glucopyranoside, 3-hydroxy-5-[2-(4-hydroxyphenyl)ethenyl]phenyl,
     (E)-
CN   Piceid (6CI, 7CI, 8CI)
OTHER NAMES:
CN   (E)-Piceid
CN   (E)-Polydatin
CN   (E)-Resveratrol 3-O-.beta.-D-glucopyranoside
CN   3-Hydroxy-5-(p-hydroxystyryl)phenyl .beta.-D-glucoside
CN   Polydatin
CN   Resveratrol 3-O-.beta.-glucopyranoside
CN   trans-Piceid
CN   trans-Polydatin
FS   STEREOSEARCH
DR   58462-72-9, 28759-35-5, 32095-27-5
MF   C20 H22 O8
CI   COM
LC   STN Files:   AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
       BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CSCHEM, DDFU, DRUGU, EMBASE,
       IPA, MRCK*, NAPRALERT, TOXCENTER, USPATFULL
         (*File contains numerically searchable property data)

Absolute stereochemistry.
Double bond geometry as shown.
```

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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

             187 REFERENCES IN FILE CA (1957 TO DATE)
               2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
             188 REFERENCES IN FILE CAPLUS (1957 TO DATE)
```

5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> s procyanidin/cn
L10             0 PROCYANIDIN/CN

=> s peceid/cn
L11             0 PECEID/CN
```